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QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.  
By Deborah Berwick  
Deborah Berwick

Attorney Docket No. 300-948600US

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Beverly Packard, et al.

Application No.: 09/747,287

Filed: December 22, 2000

For: HOMO-DOUBLY LABELED  
COMPOSITIONS FOR THE  
DETECTION OF ENZYME  
ACTIVITY IN BIOLOGICAL  
SAMPLES

Examiner: Unassigned

Art Unit: 1645

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR § 1.97 and  
§ 1.98

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The references cited on attached form PTO-1449 are being called to the attention of the Examiner. Copies of the references are enclosed. Enclosed is a copy of International Search Report for corresponding International Application No. PCT/US01/49781.

Also enclosed is an additional PTO-1449 form with additional references. The references cited on this attached PTO-1449 form are being called to the attention of the Examiner to make of record references cited in parent application USSN 09/394,019 filed September 10, 1999. Pursuant to 37 CFR § 1.98(d), copies of references cited in parent application USSN 09/394,019 filed September 10, 1999 are not provided. However the applicants will gladly provide fresh copies of any references requested by the Examiner. It is

respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 50-0893. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

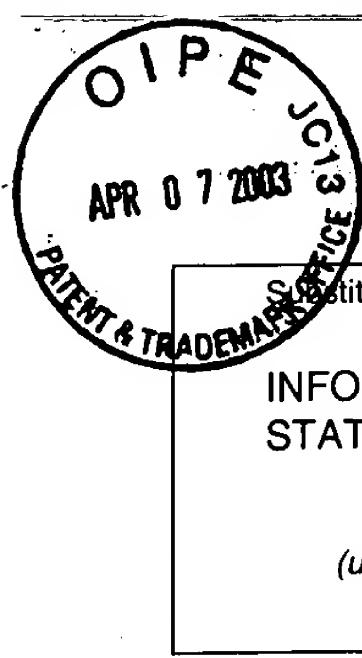
Respectfully submitted,



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Substitute for form 1449A-B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	09/747,287
		Filing Date	December 22, 2000
		First Named Inventor	Beverly Packard
		Group Art Unit	1645
		Examiner Name	Unassigned
		Attorney Docket Number	300-948600US
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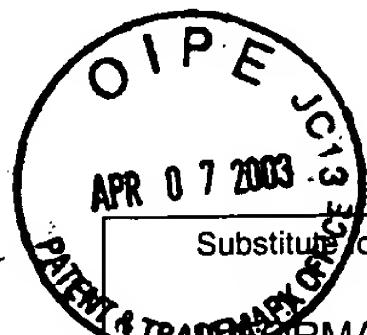
U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
	AA	5,539,082	A1	Nielsen et al.	07-23-1996
	AB	5,912,137	A1	Tsien et al.	06-15-1999
	AC	5,925,558	A1	Tsien et al.	07-20-1999
	AD	5,998,204	A1	Tsien et al.	12-07-1999
	AE	6,410,255	B1	Pollok et al.	06-25-2002

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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		Attorney Docket Number		300-948600US			
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C39/230

	21	WO	00/71562	A1	The Public Health Research Institute of the City of New York, Inc.	11-30-2000		00/71562
	22	WO	00/71740	A1	The Public Health Research Institute of the City of New York, Inc.	11-30-2000		
	23	WO	01/31062	A1	The Public Health Research Institute of the City of New York, Inc.	05-03/2001		
	24	WO	97/39008	A1	The Public Health Research Institute of the City of New York, Inc.	10-23-1997		
	25	WO	98/10096		The Public Health Research Institute of the City of New York, Inc.	03-12-1998		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
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	26	Ekert et al. <i>EMBO J.</i> 18(2):330-338 (1999)		
	27	Finucane et al. <i>Abstract J. Biol. Chem</i> 274(4):2225-2233 (1999)		
	28	Harvey et al. <i>Jol. Of Cell Biol.</i> 148(1) (2000)		
	29	Hirata et al. <i>J. of Exp Med.</i> 187(4) (1998)		
	30	Kanuka et al. <i>PNAS USA</i> 96:145-150 (1999)		
	31	Komoriya <i>Cambridge Health Inst.</i> (2001)		
	32	Komoriya et al. <i>J. of Exp. Mel</i> 191(11):1819-1829 (2000)		
	33	Packard et al. <i>Abtracts 40th Annual Meeting</i> (1996)		
	34	Packard et al. <i>Biochemical Chemistry</i> 67 167-176 (1997)		
	35	Packard et al. <i>J. Phys. Chem</i> 101:5070-5074 (1997)		

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APR 07 2003(Modified) PTO/SB/08A-B (10-96)  
Approved for use through 10/31/99. OMB 0651-0031

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		Examiner Name	Unassigned
		Attorney Docket Number	300-948600US
		Date Submitted	

	36	Packard et al. <i>J. Phys. Chem.</i> 752-758 (1998)	TECH CENTER 1600/2900 APR 09 2003 RECEIVED
	37	Packard et al. <i>J. Phys. Chem.</i> 1820-1827 (1998)	
	38	Packard et al. <i>Methods in Enzymology</i> 278:15-28 (1997)	
	39	Packard et al. <i>PNAS USA</i> 93:11640-11645 (1996)	
	40	Perez et al. <i>Molecular Human Reproduction</i> 5(5):414-420 (1999)	
	41	Robles et al. <i>Endocrinology</i> (1999) ABSTRACT	
	42	Siegel et al. <i>Jol. Of Coll Ciol.</i> 141(5) (1998)	
	43	Zapata et al. <i>Jol. Of Biol Chem.</i> 273(12):6916-6920 (1998)	

Examiner Signature		Date Considered	
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		Number	Kind Code (if known)		
	1	5,011,910		Marshall et al.	04-30-1991
	2	5,110,801		Leveen et al.	05-05-1992
	3	5,118,801		Lizardi et al.	06-02-1992
	4	5,312,728		Lizardi et al.	05-17-1994
	5	5,506,115		Toth et al.	04-09-1996
	6	5,652,107		Lizardi et al.	07-29-1997
	7	5,698,411		Lucas et al.	12-16-1997
	8	5,714,342		Komoriya et al.	02-03-1998
	9	5,759,773		Tyagi et al.	06-02-1998
	10	5,773,719		Jaffe et al.	06-30-1998
	11	5,776,720		Jaffe et al.	07-07-1998
	12	5,807,674		Tyagi et al.	09-15-1998
	13	5,871,846		Lucas et al.	02-16-1999
	14	5,925,517		Tyagi et al.	07-20-1999
	15	6,037,103		Tyagi et al.	03-14-2000
	16	6,037,130		Tyagi et al.	03-14-2000
	17	6,103,476		Tyagi et al.	08-15-2000
	18	6,130,476		Tyagi et al.	10-10-2000
	19	6,150,097		Tyagi et al.	11-21-2000

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
	20	WO	00/06778	A1	The Public Health Research Institute of the City of New York, Inc.	02-10-2000		

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